

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/FR2004/002818

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H05B3/84

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 182 431 A (KOONTZ ET AL) 26 January 1993 (1993-01-26) abstract column 2, lines 14-35 column 2, line 47 - column 3, line 7 figure 1	1-17
Y	US 2 878 357 A (THOMSON IAN F ET AL) 17 March 1959 (1959-03-17) column 1, line 41 - column 2, line 10 column 4, lines 44-73 figure 2	1-17
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☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

### \* Special categories of cited documents.

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*B\* document member of the same patent family

Date of the actual completion of the international search

1 April 2005

Date of mailing of the international search report

28/04/2005

Name and mailing address of the ISA

European Patent Office, P B 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

DE LA TASSA LAFORGUE

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In International Application No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	EP 0 506 521 A (SAINT-GOBAIN VITRAGE INTERNATIONAL; SAINT-GOBAIN VITRAGE) 30 September 1992 (1992-09-30) abstract column 1, lines 7-20 column 3, line 55 - column 4, line 11 column 4, lines 17-32 claim 1 figure 1	1-17
A	US 5 798 499 A (SHIBATA ET AL) 25 August 1998 (1998-08-25) abstract figures 1,3,5 column 1, line 10 - column 2, line 28	1-17

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